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TABLE 1

Feature	Typical Retrovirus	Foamy Retrovirus		Reference
	Reverse	Reverse	Reverse	
Viral polymerase	transcriptase	transcriptase	transcriptase	
Capsid/polymerase expression	Linked	Independent	Independent	S.F. Yu, DN Baldwin et al 1996, I Jordan et al, 1996, T Lochelt et al 1996
Sapsid processing	Yes	No	No	reviewed in lineal 1999
Capsid Nucleic Acid Binding Motif	Cis-His	Gly-Arg	Gly-Arg	SF Yu, K Edelmann, et al, 1996
Basic DNA binding	 No	Yes	Yes	SF Yu, K Edelmann, et al, 1996
Capsid nuclear ocalization Nucleic acid in	No ssRNA	Yes ssRNA, dsDNA	Yes dsDNA	AW Schliephake and A Rethwilm, 1994 S.F. Yu, DN Baldwin et al 1996, S.F Yu, 1999
Virion Assembly and Budding	Plasma (cell)	Endoplasmic reticulum	Endoplasmic reticulum	T. Kamimura et al., 1981, P. Roingeard e al., 1990
Env ER Retention "dilysine motif"	No	Yes	Yes	P.A. Goepfert et al, 1997
Virion Assembly/Egress	Envelope independent	Envelope dependent	Envelope dependent	Bruss and Ganem 1991
Internal Promoters	No	Yes	Yes	T. Lochelt et al, 1993
Transactivation	Yes/No	Yes	Yes	WS Blair, 1994, Venkatesh et al , 1992
Intracellular Recycling	No	Maybe	Yes	reviewed in lineal 1999
:				entional Retroviruses